Chapter 6 Preview Name _____
Quadrilaterals
Geometry Date _____

Define the following:

1. Base
2. Base Angle
3. Diagonal
4. Isosceles Trapezoid
5. Kite
6. Legs of a Trapezoid
7. Midsegment of a Trapezoid
8. Parallelogram
9. Rectangle
10. Rhombus
11. Square
12. Trapezoid

You *should* be able to do the following objectives:

1. How do you find and use the sum of the measures of the interior angles of a polygon?
2. How do you find and use the sum of the measures of the exterior angles of a polygon?
3. How do you recognize and apply properties of the sides and angles of parallelograms?
4. How do you recognize and apply properties of the diagonals of parallelograms?
5. How do you recognize the conditions that ensure a quadrilateral is a parallelogram?
6. How do you prove that a set of points forms a parallelogram in the coordinate plane?
7. How do you recognize and apply properties of rectangles?
8. How do you determine if parallelograms are rectangles?
9. How do you recognize and apply the properties of rhombi and squares?
10. How do you determine whether quadrilaterals are rectangles, rhombi, or squares?
11. How do you apply properties of trapezoids?
12. How do you apply properties of kites?

If you can give a good definition for each term without having to look it up, then you should be ready to identify these terms for application. If you can describe a method as to how to perform each of the objectives, then you should be ready to perform these tasks. If there are any terms or objectives that you are unsure about, then these are the things you want to take extra time studying.

Use this Preview Sheet to help keep yourself organized as we progress through Chapter 6. Refer back to it. Understand the concepts that are included.

Check the class wiki for summary assignments and bonus.